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Technical Report  
for the  
Cargo Movement Operations System (CMOS)  
Requirements Traceability Matrix  
Increment II

17 MAY 1990

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Prepared under  
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CDRL A004-43

Prepared for  
Standard Systems Center (SSC)  
Deputy Chief of Staff for Acquisition  
Cargo Movement Operations System Division  
Gunter AFB, AL 36114

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Prepared by  
Science Applications International Corporation (SAIC)  
6 Eagle Center, Suite 2,  
O'Fallon, IL 62269

## Table of Contents

	<u>Page</u>
Section I	
Introduction	ii
Summary	ii
Conclusion	ii
Section II	
Results	iii

SECTION I.

INTRODUCTION. The purpose of this Technical Report is to review the Requirements Traceability Matrix, Increment II, CDRL A018-06, which was produced for the Government by Evaluation Research Corporation. The results are provided in the form of Data Item Discrepancy worksheets as requested by the CMOS Program Office.

SUMMARY. Not Used.

CONCLUSION. Not Used.



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SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item Discrepancy worksheets.

ORIGINATOR CONTROL NUMBER: RTMII-0001  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:

All editorial comments for the Requirements Traceability Matrix, Increment II, have been collected on this worksheet and are arranged in page number order.

RATIONALE:

N/A

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION: ACCEPT [ ] REJECT [ ]

COMMENT STATUS: OPEN [ ] CLOSED [ ]

Cmnt No.	Page No.	Paragraph Number	Comment
1.	C-1	SS0003	Change "workstation" to "processor".
2.	C-2	SS0009 SS0016	Change "workstation" to "processor".
3.	C-6	SS0032 SS0035	Change "workstation" to "processor".
4.	C-9	SS0063	Add comma after "e.g."
5.	C-11	SS0082	Change "workstation" to "processor".

6. C-17 SS0131 Change "workstation" to "processor".  
SS0132
7. C-28 SS0242 Change "workstation" to "processor".
8. C-29 SS0244 Change "workstation" to "processor".  
SS0245  
SS0247
9. C-31 SS0266 Change "workstation" to "processor".  
SS0270

ORIGINATOR CONTROL NUMBER: RTMII-0002  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: C-43

PARA NUMBER: SS0374

COMMENT OR RECOMMENDED CHANGE:

Add a "-2" to the end of the sentence.

RATIONALE:

Need to clarify which DD Form is being referenced.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0003  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-19

PARA NUMBER: SC1148

COMMENT OR RECOMMENDED CHANGE:

Add SS0321 and SS0322 and delete SS0320, SS0321, and SS0322 from SC1222 on page E-33.

RATIONALE:

These three requirements pertain to the establishment, maintenance, review, update, and printing of the Reusable Container Information Report.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]



ORIGINATOR CONTROL NUMBER: RTMII-0004  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-97

PARA NUMBER: SC22

COMMENT OR RECOMMENDED CHANGE:

Delete SS2167.

RATIONALE:

This SS addresses measurement and calculation precision that is unnecessary to the AUTODIN adapter.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0005  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-99

PARA NUMBER: SC23

COMMENT OR RECOMMENDED CHANGE:

Delete SS2167.

RATIONALE:

This SS addresses measurement and calculation precision that is unnecessary to the LAN adapter.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0006  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-100

PARA NUMBER: SC24

COMMENT OR RECOMMENDED CHANGE:

Delete SS2167.

RATIONALE:

This SS addresses measurement and calculation precision that is unnecessary to the LAN adapter.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0007  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-103

PARA NUMBER: SC26

COMMENT OR RECOMMENDED CHANGE:

Delete SS2167.

RATIONALE:

This SS addresses measurement and calculation precision that is unnecessary to the Incoming Message Manager.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0008  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-105

PARA NUMBER: SC264

COMMENT OR RECOMMENDED CHANGE:

Delete SS0837.

RATIONALE:

This SS addresses the retention of REPSHIPS, not their flow.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0009  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-107

PARA NUMBER: SC26F

COMMENT OR RECOMMENDED CHANGE:

Add "SS2376 and SS2380" to SC26F.

RATIONALE:

There are no shall statements allocated to this SC number. It appears the above mentioned shall statements were inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0010  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-109

PARA NUMBER: SC27

COMMENT OR RECOMMENDED CHANGE:

Delete SS2167.

RATIONALE:

This SS addresses measurement and calculation precision that is unnecessary to the Outgoing Message Manager.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0011  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-116

PARA NUMBER: SC33

COMMENT OR RECOMMENDED CHANGE:

Add "SS0868" to SC33.

RATIONALE:

This shall statement addresses the DDN Concentrator and was appropriately allocated to SC33 in SRS-3, dated 27 APR 90.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]



ORIGINATOR CONTROL NUMBER: RTMII-0012  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: E-124

PARA NUMBER: SC3D

COMMENT OR RECOMMENDED CHANGE:

Add "SS2108" to SC3D.

RATIONALE:

This shall statement addresses seamless design of Increments I and II and was appropriately allocated to SC3D in SRS-3, dated 27 APR 90.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0013  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: F-168

PARA NUMBER: SS0833

COMMENT OR RECOMMENDED CHANGE:

Add SC1245 (Report Shipments) to this paragraph.

RATIONALE:

This shall statement is identical to SS0830. The same system capability should fulfill both requirements.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0014  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: F-172

PARA NUMBER: SS0850

COMMENT OR RECOMMENDED CHANGE:

Delete SC111 from this shall statement paragraph.

RATIONALE:

Processing the 1348-1A should not be allocated to the capability of  
initializing CMOS.

CMOS PMO ACCEPTS COMMENT: YES ☐ NO ☐

ERCI ACCEPTS COMMENT: YES ☐ NO ☐

COMMENT DISPOSITION:

COMMENT STATUS: OPEN ☐ CLOSED ☐

ORIGINATOR CONTROL NUMBER: RTMII-0015  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: F-199

PARA NUMBER: SS2111

COMMENT OR RECOMMENDED CHANGE:

Add SC13 to the list of system capabilities that fulfill this shall statement.

RATIONALE:

Many of the capabilities are affected by the processing of inbound cargo. For example, both load planning and the schedule of events are dependent upon cargo forecasted to arrive but not yet on-hand.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0016  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: F-257

PARA NUMBER: SS2385

COMMENT OR RECOMMENDED CHANGE:

Delete SC115 and SC1152.

RATIONALE:

This requirement pertains to the physical connectivity of the hardware components. In contrast, SC115 and SC1152 deal with the SA's managerial responsibilities.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: RTMII-0017  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-06

DATE: 05/17/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: Multi

PARA NUMBER: Multi

COMMENT OR RECOMMENDED CHANGE:

Change the allocation of the following shall statements from SC1312 and SC1322 to SC113.

Page #	Shall Statement #
F-173	0854, 0856, 0857, 0858, 0859
F-174	0860, 0861, 0863, 0864, 0865
F-175	0866

RATIONALE:

These shall statements pertain to the management of on-hand over and short shipment records and, therefore, should be allocated to SC113 (Establish and Maintain History Files).

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]